

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
 Data File : VN085286.D
 Acq On : 23 Dec 2024 11:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/26/2024
 Supervised By : Mahesh Dadoda 12/26/2024

Quant Time: Dec 24 04:05:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.218	168	177949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	299262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	263260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	124655	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	136855	44.001	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.000%
35) Dibromofluoromethane	8.159	113	102925	48.920	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.840%
50) Toluene-d8	10.559	98	390622	50.797	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.600%
62) 4-Bromofluorobenzene	12.841	95	128196	46.674	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.340%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	148754	52.474	ug/l	97
3) Chloromethane	2.359	50	143161	52.982	ug/l	100
4) Vinyl Chloride	2.518	62	144088	56.913	ug/l	96
5) Bromomethane	2.965	94	83486	50.269	ug/l	100
6) Chloroethane	3.124	64	84721	54.503	ug/l	99
7) Trichlorofluoromethane	3.506	101	204715	50.073	ug/l	96
8) Diethyl Ether	3.959	74	66993	52.170	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	118284	53.944	ug/l	96
10) Methyl Iodide	4.589	142	135435	54.171	ug/l	94
11) Tert butyl alcohol	5.500	59	64006	148.147	ug/l	99
12) 1,1-Dichloroethene	4.342	96	108470	53.405	ug/l	91
13) Acrolein	4.171	56	93965	188.857	ug/l	97
14) Allyl chloride	5.024	41	174466	49.600	ug/l	95
15) Acrylonitrile	5.706	53	249358	211.902	ug/l	98
16) Acetone	4.418	43	219530	204.479	ug/l	90
17) Carbon Disulfide	4.712	76	334089	48.200	ug/l	97
18) Methyl Acetate	5.012	43	123666	40.687	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	340801	48.954	ug/l	96
20) Methylene Chloride	5.271	84	119518	50.892	ug/l	98
21) trans-1,2-Dichloroethene	5.783	96	112358	50.176	ug/l	96
22) Diisopropyl ether	6.665	45	396246	52.806	ug/l	99
23) Vinyl Acetate	6.594	43	1388842	239.528	ug/l	99
24) 1,1-Dichloroethane	6.559	63	228459	52.559	ug/l	99
25) 2-Butanone	7.471	43	319752	194.482	ug/l	97
26) 2,2-Dichloropropane	7.483	77	203099	50.460	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	131988	50.624	ug/l	98
28) Bromochloromethane	7.806	49	112718	51.419	ug/l	100
29) Tetrahydrofuran	7.830	42	210125	198.263	ug/l	99
30) Chloroform	7.959	83	225810	48.646	ug/l	99
31) Cyclohexane	8.253	56	196056	48.723	ug/l	99
32) 1,1,1-Trichloroethane	8.159	97	200479	48.457	ug/l	99
36) 1,1-Dichloropropene	8.365	75	165797	56.593	ug/l	100
37) Ethyl Acetate	7.553	43	136456	40.373	ug/l	99
38) Carbon Tetrachloride	8.359	117	177201	50.026	ug/l	99
39) Methylcyclohexane	9.594	83	182731	59.939	ug/l	97
40) Benzene	8.600	78	497041	54.535	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
 Data File : VN085286.D
 Acq On : 23 Dec 2024 11:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/26/2024
 Supervised By : Mahesh Dadoda 12/26/2024

Quant Time: Dec 24 04:05:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	78573	45.616	ug/l	98
42) 1,2-Dichloroethane	8.665	62	169550	48.839	ug/l	98
43) Isopropyl Acetate	8.683	43	239753	38.789	ug/l	97
44) Trichloroethene	9.347	130	113351	55.862	ug/l	98
45) 1,2-Dichloropropane	9.612	63	124017	54.957	ug/l	99
46) Dibromomethane	9.700	93	81916	50.850	ug/l	99
47) Bromodichloromethane	9.882	83	176138	51.033	ug/l	99
48) Methyl methacrylate	9.677	41	116159	45.845	ug/l	98
49) 1,4-Dioxane	9.688	88	28702	718.480	ug/l #	78
51) 4-Methyl-2-Pentanone	10.435	43	663472	204.294	ug/l	98
52) Toluene	10.624	92	297568	54.299	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	177969	52.900	ug/l	100
54) cis-1,3-Dichloropropene	10.306	75	195399	54.628	ug/l	93
55) 1,1,2-Trichloroethane	11.012	97	104925	51.133	ug/l	99
56) Ethyl methacrylate	10.871	69	160848	41.619	ug/l	97
57) 1,3-Dichloropropane	11.159	76	187798	51.998	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	341576	188.663	ug/l	99
59) 2-Hexanone	11.188	43	467432	201.912	ug/l	98
60) Dibromochloromethane	11.353	129	123280	50.692	ug/l	99
61) 1,2-Dibromoethane	11.465	107	102205	48.356	ug/l	99
64) Tetrachloroethene	11.100	164	100988	57.006	ug/l	96
65) Chlorobenzene	11.888	112	315810	53.367	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.953	131	109534	53.054	ug/l	98
67) Ethyl Benzene	11.959	91	563867	55.591	ug/l	99
68) m/p-Xylenes	12.065	106	431125	113.645	ug/l	97
69) o-Xylene	12.394	106	201102	56.398	ug/l	98
70) Styrene	12.406	104	340375	57.179	ug/l	98
71) Bromoform	12.571	173	74748	46.188	ug/l #	99
73) Isopropylbenzene	12.688	105	517095	57.504	ug/l	99
74) N-amyl acetate	12.488	43	206248	45.922	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	138728	43.299	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	122019m	41.065	ug/l	
77) Bromobenzene	12.976	156	120739	51.139	ug/l	95
78) n-propylbenzene	13.029	91	629889	57.116	ug/l	99
79) 2-Chlorotoluene	13.118	91	371796	53.098	ug/l	97
80) 1,3,5-Trimethylbenzene	13.165	105	433427	57.787	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.729	75	49892	44.585	ug/l	96
82) 4-Chlorotoluene	13.218	91	382718	54.013	ug/l	98
83) tert-Butylbenzene	13.435	119	362480	56.986	ug/l	95
84) 1,2,4-Trimethylbenzene	13.476	105	445880	58.157	ug/l	100
85) sec-Butylbenzene	13.612	105	529651	59.726	ug/l	100
86) p-Isopropyltoluene	13.723	119	441568	51.402	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	228855	52.635	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	227045	50.468	ug/l	99
89) n-Butylbenzene	14.053	91	396027	60.725	ug/l	99
90) Hexachloroethane	14.329	117	82072	50.380	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	217109	53.687	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24843	40.433	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	114090	55.113	ug/l	99
94) Hexachlorobutadiene	15.494	225	53165	49.414	ug/l	95
95) Naphthalene	15.635	128	309579	45.159	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	105846	51.191	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
Data File : VN085286.D
Acq On : 23 Dec 2024 11:25
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/26/2024
Supervised By :Mahesh Dadoda 12/26/2024

Quant Time: Dec 24 04:05:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

